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NUCLEAR INSTRUMENTS & METHODS IN PHYSICS RESEARCH

Editor-in-Chief: Kai Siegbahn

Section A: accelerators, spectrometers, detectors
and associated equipment

Editors: Kai Siegbahn & Erik Karlsson

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Atomic Physics 10

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Atomic Physics 10 presents the manuscripts of the invited talks delivered at the ICAP-X, August 1986. The conference continued the tradition of the earlier conferences by reviewing broad areas of fundamental atomic physics and related subjects. In addition to the invited talks two hundred and fifty four contributed papers were presented in two poster sessions. The conference was attended by three hundred and thirty participants from twenty countries and the topics covered include:

- fundamental atomic physics including QED,
- parity violation and quark physics,
- exotic atoms,
- electronic structure of atoms and the dynamics associated with advanced laser spectroscopy,
- applied and interdisciplinary fields using synchrotron radiation spectroscopy,
- atomic processes in hot plasmas and interstellar space,
- the quantum Hall effect in solids.

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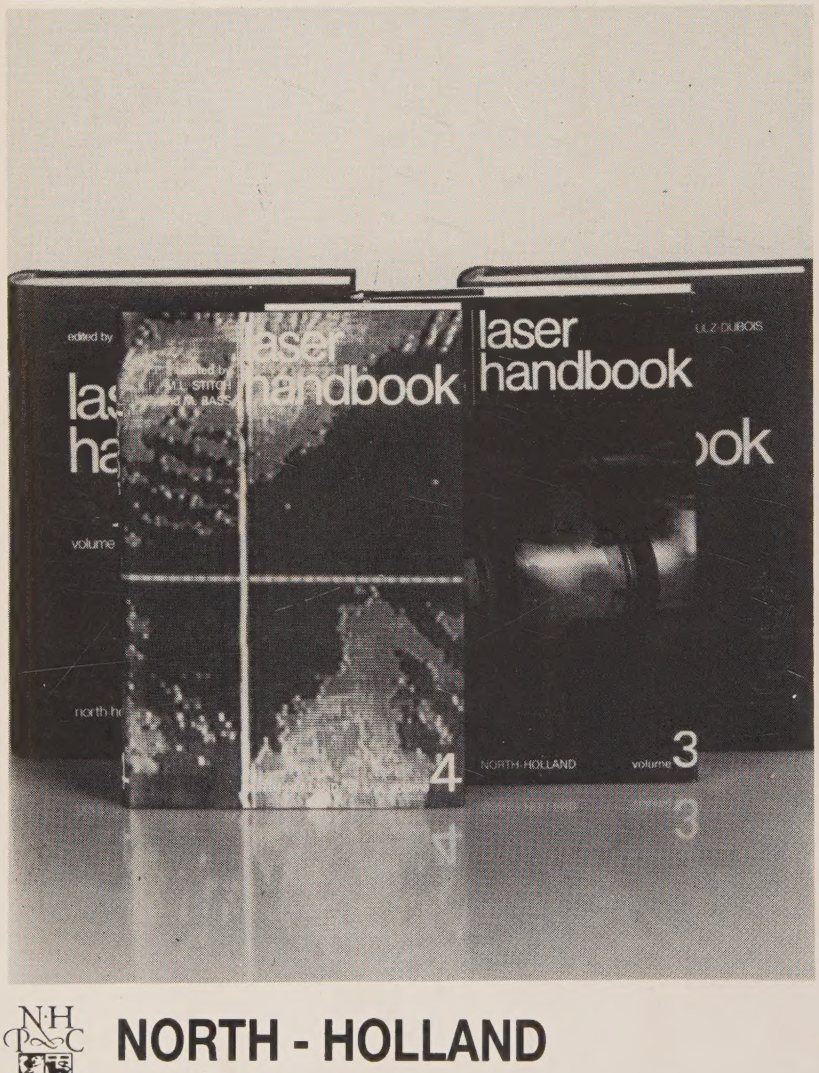

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